

From: "Vickie" <vickie.allen@imssystemsinco.com>
To: "Bill Ward" <wrwl@nrc.gov>
Date: Thu, Oct 5, 2000 8:49 AM
Subject: Fw: Antwort: Re: Nucor gauge C98-22-007

Good Morning Mr. Ward,
Attached is the radiation readings for Model 5245-02 gauge. Hopefully this will clear up your questions from yesterday.
Thank you
Vickie

----- Original Message -----

From: <petra.klein@ims-gmbh.de>
To: <Vickie.Allen@IMSSystemsInc.com>
Cc: <rainer.fackert@ims-gmbh.de>; <hendrik.schultes@ims-gmbh.de>; <m.schultheimwalde@ims-gmbh.de>; <John.Buckman@IMSSystemsInc.com>; <ch.hollands@ims-gmbh.de>
Sent: Thursday, October 05, 2000 8:26 AM
Subject: Antwort: Re: Nucor gauge C98-22-007

>
>
>
>
> Petra Klein@IMS
> 05.10.2000 14:26
>
> Hi Vickie and John,
>
> I am sorry, but we talked about different things. In case of the shutter closed
> situation, it was not clear for me that you would like to have the dose rate in
> the C-frame gap. You are right, when you say that the dose rate seems to be too
> high there. What I did is calculating the maximum dose rate around the C-frame
> which is beside the measuring frame. This corresponds with the information in
> the old device registration, because in the isodose curve (Attachment 3 to the
> device registration) you can see that there is also a higher radiation dose
> beside the C-frame.
>
> In case of the shutter open situation I calculated also the max. dose rate
> around the measuring gauge (stray radiation) and not in the direct beam.
>
> The table with the complete information is now:
>

Distance from the surface of the measuring frame	Measuring Frame Shutter Closed max. dose rate (beside the frame)	Measuring frame Shutter Closed direction of the primary beam	Measuring Frame Shutter Open beside the frame (stray radiation)	Primary Beam Shutter Open
6 cm	2 mR/hr	0.4 mR/hr	280 mR/hr	1800 R/hr
30 cm	0.7 mR/hr	background (<0.05 mR/hr)	70 mR/hr	150 R/hr
100 cm	background (<0.05 mR/hr)	background (<0.05 mR/hr)	12 mR/hr	16 R/hr

> In addition to that I add the isodose curve of the Nucor gauge:

> (See attached file: 5245-00_I1_3.DXF)

> Best regards

> Petra Klein

> IMS GmbH / Tel.: 02056/975-169

>

Mail Envelope Properties

(39DC78C5.766 : 19 : 55142)

Subject: Fw: Antwort: Re: Nucor gauge C98-22-007
Creation Date: Thu, Oct 5, 2000 8:40 AM
From: "Vickie" <vickie.allen@imssystemsync.com>

Created By: GWIA:vickie.allen

Recipients

Post Office OWFN_DO.owf1_po
WRW1 (William Ward)

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5245-00_I1_3.DXF	216749
Header	989

Date & Time

Thursday, October 5, 2000 8:40 AM

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Message-ID: <00da01c02ec9\$6c83e020\$6700000a@ims.LOCAL>
Reply-To: "Vickie" <vickie.allen@imssystemsinc.com>
From: "Vickie" <vickie.allen@imssystemsinc.com>
To: "Bill Ward" <wrw1@nrc.gov>
Subject: Fw: Antwort: Re: Nucor gauge C98-22-007
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